



# Example of Lead Civil Engineer Job Description

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Our company is growing rapidly and is hiring for a lead civil engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for lead civil engineer

- Prepare, check/review, approve conceptual studies, designs and detailed project drawings, proposals, design criteria & specifications, project budget and schedules
- Prepare quantity take-offs, cost estimates and staffing forecast for all phases of project and manage change orders
- Deliver project adhering to quality norms, timescale and budget
- Supervise, guide and mentor the project team and provide input for their performance evaluation
- Support creation of a work environment that fosters openness, trust, communication, teamwork, empowerment, innovation, and satisfaction
- Provide technical leadership and invest in developing capabilities of the team members
- In-depth knowledge of road alignment, geometric design, junctions, roundabouts and interchanges and flexible/ rigid pavement design
- Exposure to traffic engineering will be an added advantage
- Prepares or assists in preparation of conceptual studies, designs, reports or proposals, design criteria, specifications, budget and schedules for projects of varying complexity
- Perform the finite element modeling and structural analysis of various steel and concrete structures

## Qualifications for lead civil engineer

- Experience in completing and managing civil design for urban precincts and/or brownfield site development projects
- Strong client management capability and network
- Experience managing teams' performance and development
- Advanced skills in design management and stakeholder consultation
- Post-graduation or other diplomas related to Project Construction is added advantage